







## Borough of Cleethorpes.

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# ANNUAL REPORT ON THE Health and Sanitary Conditions FOR THE YEAR, 1947.

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C. F. LYNCH,

M.B., B.C.H., B.H.O., D.P.H.

Medical Officer of Health.



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# Health Committee Members, 1946-47.

Chairman : Ald. E. Houghton, J. P.

Vice-Chairman : Coun. F. Broddle.

Coun. G. R. Sinderson, J.P., Mayor.

Ald. A. W. Cox. Ald. W. F. George.

Ald. F. Rhodes. Coun. D. Fairlie.

Coun. J. Magee. Coun. C. J. Shaw.

Coun. B. Marks.

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## Staff of the Health Department.

Medical Officer of Health, C. F. Lynch, M.B., B.Ch., B.A.O., D.P.H.

Chief Sanitary Inspector and Cleansing Superintendent :

Herbert Brant, M.R.San.I., F.S.I.A.

Sanitary Inspector, No. 2 District :

G. H. Cooper, M.S.I.A.

Pupil Sanitary Inspectors : J. P. Emerson.

D. H. Hibbert.

D. St. J. Frost.

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The following members of the County Staff carried out work within the Borough.

Dr. C. F. Lynch, Tuberculosis and School Medical Officer.

Dr. Cromb, Maternity and Child Welfare.

Mr. F. E. Padgett Dental Surgeon

Miss E. E. Jenkinson, S.R.N., S.C.M., M.R.C.N., Health Visitor.

Miss C. Clark, S.R.N., S.C.M., M.R.C.N. Health Visitor.

Mrs. Ward, S.R.N., H.V., Cert. R.S.I. Health Visitor.

Mrs. Shute Secretary.

Consultant services were afforded by the following :—

Mr. McDonald, Gynæcologist ; Mr. Thompson, Orthopædic Surgeon ; Mr. Spencer-Harrison, Surgeon E.N.T. ; Dr. Brown, Heart Specialist ; Dr. Davidson, and Dr. Vivian, Ophthalmologists.

## HEALTH DEPARTMENT, CLEETHORPES.

To the Mayor, Aldermen and Councillors of the Borough  
of Cleethorpes.

GENTLEMEN,

I have the honour to present my Annual Report on the Health and Sanitary Conditions of the Borough for the year 1947.

The Birth Rate was 23.39 per thousand of the population which is an increase of .39 on the rate for 1946. The corresponding rate for England and Wales was 20.5 and for the smaller towns 22.2.

The Death Rate was 12.56 per thousand, an increase of .96 on the rate for the previous year. The rates for England and Wales and the smaller towns were 12.0 and 11.9, respectively.

The Infantile Mortality Rate showed an increase from 41.2 per thousand live births in 1946 to 48.17 for the year under review. The corresponding rate for England and Wales was 41 and for the smaller towns 36. There were no maternal deaths during the year.

The incidence of notifiable infectious disease showed an increase mainly due to measles and the fact that Chicken Pox was added to the list during the year while smallpox was prevalent. No case of smallpox occurred in the Borough. Though Infantile Paralysis was epidemic in the country, relatively few cases occurred in the town.

The Sanitary conditions of the Borough continued to be generally satisfactory, the environmental health services being well maintained, while progress was made with schemes for improved drainage and housing. 239 dwelling houses were rendered fit by informal action and 42 after Statutory Notice.

I wish to record my appreciation of the help and co-operation given at all times by the Chairman, Ald. E. Houghton, J.P., C.C., and the members of the Health Committee. I have to thank also the County Medical Officer, Lindsey County Council, the Borough Surveyor of Cleethorpes and my Chief Sanitary Inspector for the information they have supplied for inclusion in this report.

I have the honour to be, Gentlemen,

Your obedient servant,

C. F. LYNCH,

Medical Officer of Health.

SECTION A.  
STATISTICS  
AND  
SOCIAL CONDITIONS

## SECTION A. Statistics and Social Conditions of the Area.

### General Statistics.

Area of Borough in acres (above high water mark) ... ...	2250
Registrar-General's estimate of Resident population (mid-1947) ...	29,290
Number of inhabited houses (end of 1947) ... ...	8,282
Rateable Value, 1st April, 1947 ... ..	£153,226
Sum represented by a penny rate ... ...	£600

### Unemployment.

1. Average weekly number of persons in receipt of ordinary relief during the year ended 31st December, 1947 was ... ... (as compared with 354 for the previous year) 326
2. Average weekly number of persons in receipt of relief on account of unemployment was ... Nil (as compared with Nil the previous year.)
3. The total amount of relief granted in the Borough during the year ended 31st Dec., 1947, was £15,354 8s. 6d.

### Vital Statistics.

	Total	Male	Female	
Live Births	Legitimate 685	353	332	Birth Rate per 1,000 of the estimated resident population ... 23.39
	Illegitimate 37	23	14	
Still Births	Legitimate 21	9	12	Rate per 1,000 total (live and still births) ... 24.27
	Illegitimate 1	Nil	1	

Death Rate per 1,000 of the estimated resident population ... 12.56

Death Rate per 1,000 for England and Wales ... . ... ... 12.0

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List).

	Deaths	Rate per 1,000 (total live and still births.)
No. 29. Puerperal Sepsis . .	Nil	Nil
No. 30. Other Maternal causes . .	Nil	Nil

Death Rate of Infants under one year of age :--

All infants per 1,000 live births ... ... ... ...	48.17
Legitimate infants per 1,000 legitimate live births ... ...	47.84
Illegitimate infants per 1,000 illegitimate live births . .	54.05
Deaths from Cancer (all ages) ... ... ... ...	44
Deaths from Measles (all ages) . . . .	Nil
Deaths from Whooping Cough (all ages) ... . . . .	1
Deaths from Diarrhoea (under 2 years of age) . . . .	3

#### 4. Causes of Death in Borough of Cleethorpes.

	CAUSES OF DEATH.	1947	
		Males	Fem.
1	Typhoid and Paratyphoid Fever ...	—	—
2	Cerebro-Spinal Fever ...	—	—
3	Scarlet Fever ...	—	—
4	Whooping Cough ...	—	1
5	Diphtheria ...	—	—
6	Tuberculosis of Respiratory System ...	9	7
7	Other Tuberculosis Diseases ...	4	2
8	Syphilis ...	1	1
9	Influenza ...	2	1
10	Measles ...	—	—
11	Acute Poliomyelitis and Polioencephalitis ...	—	2
12	Acute infectious Encephalitis ...	—	—
13	Cancer of buccal cavity and oesophagus (male) ... and uterus (female) ...	1	3
14	Cancer of stomach and duodenum ...	3	1
15	Cancer of breast ...	1	6
16	Cancer of all other sites ...	21	8
17	Diabetes ...	3	2
18	Intra Cranial Vascular Lesions ...	21	25
19	Heart Disease ...	59	24
20	Other diseases of the circulatory system ...	17	8
21	Bronchitis ...	14	8
22	Pneumonia ...	9	6
23	Other Respiratory Diseases ...	3	7
24	Ulcer of the stomach or duodenum ...	3	—
25	Diarrhoea under two years ...	—	3
26	Appendicitis ...	—	—
27	Other Digestive Diseases ...	3	3
28	Nephritis ...	5	6
29	Puerperal and post-abortive Sepsis ...	—	—
30	Other Maternal Causes ...	—	—
31	Premature birth ...	5	1
32	Congenital malformation, birth injury infantile diseases ...	8	10
33	Suicide ...	—	2
34	Road traffic accidents ...	1	—
35	Other violent causes ...	6	4
36	All other causes ...	12	16
TOTALS ...		211	157



SECTION B.  
GENERAL PROVISION  
OF  
HEALTH SERVICES

## Section B.—General Provision of Health Services of the Area.

### (a) Laboratory facilities.

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Department, Council Offices, Cleethorpes, to which address specimens should be sent.

### (b) Ambulance facilities.

For infectious cases removal by ambulance is an inclusive charge of the Infectious Disease Hospital receiving the case. Non-infectious or accident cases may be removed by the Borough Council's Ambulance, when a charge is made according to mileage.

### (c) Nursing at Home.

Three District Nurses are stationed in Cleethorpes and are members of the Lindsey Nursing Association. The Lindsey County Council also provide the services of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by General Medical Practitioners.

### (d) Clinics.

The Lindsey County Council from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following specialist and consultant services :—

#### Clinics, St. Hugh's Avenue, Cleethorpes.

CLINIC	DAY	HOUR
Tuberculosis	Friday	2 p.m.
School	Wednesday	9-30 a.m.
School Nurse attends for treatments	{ Monday, Wednesday and Thursday Tuesday and Friday	9-30 a.m. 2 p.m.
Eye	Friday (by appointment)	10 a.m.
Infant Welfare	Monday and Thursday	2 p.m.
Toddlers	Monday	9-30 a.m.
Ante-Natal	Tuesday	9-30 a.m.
Special treatment (Female)	Thursday	10-30 a.m.
Orthopædic	3rd Tuesday of Month by appointment	2-30 p.m.
Massage	Monday and Thursday	10 a.m.
U.V.R.	Monday and Thursday	9-30 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart	Monthly (by appointment)	2 p.m.

Diphtheria Immunisation Sessions are held at the School and Infant Welfare Clinics on the appropriate days.

By arrangement with the County Borough of Grimsby facilities for the diagnosis and treatment of venereal disease are available at the V.D. Clinic, 38 Queen Street, Grimsby.

### (e) Hospitals

Facilities exist for the treatment of Infectious Disease at the Isolation Hospital, Osgodby. The Hospital is administered by a Joint Board on which the Cleethorpes Corporation is represented. These facilities are at present inadequate and most cases requiring urgent or specialised treatment are admitted to Grimsby Isolation Hospital.

### Maternity Home, Cleethorpes.

This Home is administered by the Lindsey County Council.

The following report on the Home is included by the courtesy of the County Medical Officer of Health.

1. Name and address of the Institution.	County Maternity Home, Mill Road, Cleethorpes, Lincs.					
2. Number of Maternity beds in the Institution (exclusive of isolation and labour beds) at 31/12/47.						
614	28					
3. Number of Maternity cases admitted during the year						
614						
4. Average duration of stay of cases in the lying-in wards	12 days					
5. Number of cases delivered by						
(a) Midwives	...	...	...	...	...	407
(b) Doctors	...	...	...	...	...	161
6. Number of cases in which medical assistance was sought by a midwife in emergency....	...	...	...	...	...	45
7. Number of cases admitted after delivery	...	...	...	...	...	3
8. Number of cases notified as						
(a) puerperal fever	...	...	...	...	...	Nil
(b) puerperal pyrexia	...	...	...	...	...	2
9. Number of cases of pemphigus neonatorum	...	...	...	...	...	1
Born with intra-uterine pemphigus.						
10. (a) Number of infants not entirely breast fed while in the Institution	...	...	...	...	...	91
(b) Number of infants wholly breast fed on leaving the Institution	...	...	...	...	...	477
11. (a) Number of cases notified as ophthalmia neonatorum	Nil					
(b) Result of treatment in each case.	—	—	—	—	—	—
12. Number of maternal deaths	...	...	...	...	...	Nil
13. (a) Number of stillbirths	...	...	...	...	...	10
(b) Cause in each case and results of post-mortem (if available)						
4 Macerated.	1 Anoxæmia.					
5 Intracranial Hæmorrhage.						

14. Number of infant deaths within 10 days of birth	...	...	9
(b) Cause of death :			
3 Premature.	1	Erythroblastosis.	
4 Inter-cranial haemorrhage.	1	Atelectasis.	

General Hospital facilities are available at the Grimsby and District (Voluntary) Hospital and at the Lindsey County Council Infirmary, Louth.

### A. School Medical Services.

These services are provided by the County Council and I am indebted to the County Medical Officer for permission to include the following details of work carried out during the year in my capacity as School Medical Inspector.

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#### ROUTINE MEDICAL INSPECTION (exclusive of special and supervisory examinations).

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GROUP. 1.	Inspected 2.	Number of Children		
		Vision.	Other Defects.	Found to require treatments (excluding uncleanliness and dental diseases). 3.
Prescribed Groups.				
Entrants	569	2	176	178
Intermediates	330	19	92	109
Leavers	170	13	36	48
Total (prescribed groups)	1069	34	304	335

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### C. State of Nutrition.

All scholars examined were classified in 3 groups : — Gd.—Good. F.—Fair, P.—Poor.

GROUP	Gd.	F.	P.
Entrants	52	433	84
Second age group	56	227	47
Third age group	38	111	21
Total (prescribed groups)	146	771	152

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## B. Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections		Special Inspections	
	Requiring Treatment	Requiring observation but not Treatment	Requiring Treatment	Requiring observation but not Treatment
SKIN.	48	14	2	
EYE.				
(a) Defective Vision (excluding Squint)	34	39	1	
(b) Squint ... ...	23	17	3	1
(c) Other conditions ... ...	17	2		
EAR.				
Defective Hearing ... ...	7	4		1
Otitis Media ... ...	5	2	1	
Other Ear Diseases ... ...	10			
NOSE AND THROAT.	94	204	4	1
ENLARGED CERVICAL GLAND. (Non-tubercular).	24	17		
DEFECTIVE SPEECH.	1	26	2	1
HEART AND CIRCULATION.	35	13	3	
LUNGS.	31	6		
TUBERCULOSIS.				
Developmental—				
(a) Hernia ... ...	1	2		
(b) Other ... ...		1		1
C RTHOPÆDIC				
(a) Posture ... ...	4	4		
(b) Flatfeet ... ...	2			
(c) Other .... ... ...	9	4	1	1
NERVOUS SYSTEM.				
Epilepsy ... ...	4	1		
Other conditions ... ...		2		
PSYCHOLOGICAL.				
(a) Development ... ...	1		2	4
(b) Stability ... ...	3			
OTHER DEFECTS AND DISEASES. (Excluding Uncleanliness and Dental Diseases)	71	37	1	



SECTION C.  
SANITARY  
CIRCUMSTANCES

## Section C.—Sanitary Circumstances of the Area.

### 1. (1) Water Supply.

The water supply has been satisfactory both as regards quality and quantity. The supply is by pipe from the Grimsby, Cleethorpes and District Joint Water Board's undertaking and is constant.

Bacteriological and chemical examination of samples from the source of supply are carried out monthly and results of these examinations are supplied to the Medical Officer of Health.

Samples are also taken periodically by the Health Department from the supply as delivered to the public and submitted for bacteriological examination.

The following is a copy of a report on a sample taken by the Water Board on the 13th June, 1947 :

The Counties Public Health Laboratories,  
66 Victoria Street, London, S.W.1.

#### Chemical Results in Parts per 100,000.

Appearance	Clear and bright.	Colour	...	...	Normal.
Odour	...	Reaction pH	Neutral	: 7.3	
Free Carbonic Acid	1.5	Electric Conductivity at 20° C.	550		
Total Solids		Alkalinity as			
dried at 180° C.	37.0	Calcium Carbonate	21.0		
Chlorine in Chlorides	5.2	Temporary	21.0	Permanent	3.5
Nitrogen in Nitrates	0.14	Nitrogen in Nitrites			1.6
Hardness Total :	24.5	Free Ammonia			0.0000
Ammoniacal Nitrogen	—	Albuminoid Ammonia			0.0000
Albuminoid Nitrogen	—	Oxygen Absorbed in 4 hrs.			0.000
Metals.	Iron, less than .03	at 27° C.			
		Free chlorine reaction			Absent

#### Bacteriological Results.

	1 day at 37° C.	2 day at 37° C	3 day at 37° C
Number of "Bacteria" growing on Agar per cc. or ml. in	0	0	1
Presumptive Coliform Reaction	Present	Absent	100 c. c.
Bact. coli.	Present	Absent	100 c. c.
Cl. welchii Reaction	Present	Absent	100 c. c.

This sample is clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of Iron. The water is hard in character but not to an abnormal degree, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for the purposes of a public supply.

(Signed) GORDON MILES, B. Sc., F.R.I.C.

Wells	New sunk	...	...	...	...	...	Nil
	Cleansed, repaired	...	...	...	...	...	Nil
	Closed as polluted	...	...	...	...	...	Nil
Public Supply	Area supplied :—	Whole area except 36 houses in North Sea Lane and Humberstone Road district.					
	Percentage of houses supplied	...	...				99.57%

## (2) Sewers.

Drains examined, tested, exposed, etc.	...	...	197
Drains unstopped, repaired, trapped, etc.	...	...	284
Waste pipes, rain water pipes disconnected, repaired, etc.	...	...	64
New soil pipes or ventilating shafts fixed	...	...	89
Existing soil pipes or ventilating shafts repaired	...	...	3
Drains reconstructed	...	...	Nil

## 2 Rivers and Streams.

A small stream known as the Buck Beck which is polluted before reaching the Borough discharges on the Foreshore.

## 3 (i) Closet Accommodation.

Number of houses with privy vaults in district	...	...	Nil
Number of houses with pail closets in district	...	...	18
Number of pail closets repaired	...	...	Nil
Number of pail closets substituted for privy vaults	...	...	Nil
Number of houses with water closets in district	...	...	8,285
Number of water closets substituted for dry receptacles	...	...	Nil
Number of water closets repaired	...	...	86

### Cesspools.

Cesspools rendered impervious	...	...	Nil
Cesspools emptied, cleansed, etc.	...	...	4
Cesspools abolished	...	...	Nil

## (ii) Public Cleansing.

Number of covered ash pits	...	...	Nil
Number of uncovered ash pits	...	...	Nil
Number of bins substituted for ash pits	...	...	Nil
Refuse is removed by Local Authority.			
Number of houses using bins	...	...	8,303
Refuse is removed from each house every 9-11 days.			
Number of complaints for non-removal	...	...	53
Method of final disposal—Refuse Destructor, Salvage and Controlled Tip at Thruscoe Recreation Ground (Marine Embankment).			

## CLEANSING SERVICE.

The following particulars of operations in the Cleansing Department relate to the year ended 31st March, 1948.

### Refuse Collection.

Loads and estimated weight of house and trade refuse collected during the year :—

By Motor Vehicle ... 5,972 loads 7,178 tons

By Horse-drawn Vehicle 97 loads 68 tons

4,771 loads of the collected refuse were weighed.

The refuse collected was estimated at 141 tons increase on the previous year.

Estimated gross expenditure on refuse collection for the year was £6,760. Gross income for the year was £5. Net cost per ton 18s. 7 $\frac{3}{4}$ d.

### Refuse Disposal.

The house and trade refuse dealt with was disposed of as follows :—

5,003 tons to Disposal Works.

2,217 tons to Humberston Land Reclamation Scheme.

26 tons to Farmland.

Estimated gross expenditure of refuse disposal for the year £4,712. Gross Income £2,009. Net cost per ton 7s. 2 $\frac{1}{2}$ d.

### Salvage.

Total receipts of salvage sales during the year £2,009 8s. 0d. Increased receipts on the previous year £490.

Materials Sold.	Tons.	Cwts.	Qrs.	Receipts.		
				£	s.	d.
Mixed waste paper ...	145	4	1	935	0	6
Baled scrap tins ...	151	5	3	226	18	7
Mixed textiles ...	10	11	1	183	17	6
Bottles and Jars ...	7064	Dozen		514	10	10
Mixed scrap iron ...	32	16	1	71	15	9
Bones ...	1	18	3	11	2	9
Screened ash and clinker ...	113	5	0	12	2	6
Non-Ferrous metals ...	1	16	0	41	15	1
Old chassis ...	...	...	...	8	0	0
Miscellaneous ...	...	...	...	4	4	6

### Gully Cleansing.

The number of gullies cleansed was :—

9,208 Street Gullies. 3,446 Passage Gullies.

258 cart-loads of refuse removed from gullies.

Cost of work for the year :—£330.

## Passage Cleansing.

946 barrow-loads of refuse were removed from back passages.

The cost of this work for the year was £230.

## Public Conveniences.

Eleven of the public conveniences provided by the Corporation are under the control of the Cleansing Department. Toilet accommodation is provided at seven of the conveniences. Total number of W.C.s. provided 58.

## Depot Weighbridge.

The weighbridge was used as follows :—

Departmental weighings during the year	...	7,501
Public Weighings	...	339

## Refuse Receptacles.

380 Dust Bins were provided by owners of properties in replacement of defective receptacles following informal or formal notices.

## Sanitary Inspection of the Area.

### Movable Dwellings, Tents, Vans, etc.

Number inspected during the year	...	...	Nil
Number of nuisances abated therefrom	...	...	Nil
Number removed from the district...	...	...	Nil
Vans in district at end of year	...	...	Nil

### Offensive Trades.

Number of premises in the District :—Nil.

Fat Melters	...	...	...	...	Nil
Fried Fish Shops	...	...	...	...	27
Contraventions ...	...	...	...	...	7
Contraventions remedied	...	...	...	...	7
Number of inspections	...	...	...	...	80

There are no Bye-laws in operation.

### Closet Accommodation.

No conversions were carried out during the year.

### Swimming Baths and Pools.

There is one open air swimming pool of some 2,000,000 gallons capacity. A continuous filtration and chlorination plant is installed.

The working of the plant is satisfactory and efficient as shown by the results of periodical bacteriological and chemical examination of the water.

## FACTORIES, AND WORKPLACES.

### 1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Prosecutions (5)
FACTORIES (Including Factory Laundries)	153	338	0	0
WORKPLACES (Other than out- workers' premises)	49	51	0	0
Total ...	202	389	0	0

### 2. DEFECTS FOUND.

Particulars (1)	Number of Defects			No. of Prosecu- tions (5)
	Found (2)	Reme- died (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts</i>				
Want of Cleanliness ...	...	...	...	...
Want of Ventilation ...	...	...	...	...
Overcrowding ...	...	...	...	...
Want of Drainage of Floors ...	...	...	...	...
Other Nuisances ...	...	...	...	...
Sanitary Accommodation	Insufficient ...	...	...	...
	Unsuitable or Defective	4	4	...
	Not separate for Sexes	...	...	...
<i>Offences under the Factory and Workshop Acts</i>				
Illegal occupation of underground				
Bakehouses (S.101) ...	...	...	...	...
Other Offences				
(Excluding offences relating to outwork)	...	...	...	...
Total ...	4	4	0	0

#### Bakehouses.

Number in district...	...	...	...	34
Number of underground bakehouses	...	...	...	Nil
Number of inspections ...	...	...	...	176
Contraventions of Factory Acts	...	...	...	2
Defects remedied ...	...	...	...	2

# OUTWORK (Sections 110 and 111).

Nature of Work	SECTION 110.			SECTION 111.		
	No. of out-workers in Aug. list req. by Sec. 110.	No. of cases of default in sending lists.	No. of prosecut'ns	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel. Making, etc., Cleaning and Washing...						
Household Linen. ...						
Lace, Lace curtains and nets...						
Curtains, Furniture hangings...						
Furniture and Upholstery ...						
Electro-plating ... ...						
File making ... ... ...						
Brass and Brass art ...						
Fur pulling ... ... ...						
Iron, steel cables and chains						
Iron, Steel anchors Grapnels						
Cart Gear ... ... ...						
Locks, Latches and keys ...						
Umbrellas ... ... ...						
Artificial flowers ... ...						
Nets, other than wire nets ...	13					
Tents ... ... ...						
Sacks ... ... ...						
Raquet and tennis balls ...						
Paper bags ... ... ...						
The making of boxes or other receptacles or parts thereof made wholly of partially of paper ...						
Brush making ... ...						
Pea picking ... ...						
Feather sorting ... ...						
Carding etc. of buttons ...						
Stuffed toys ... ...						
Basket making ... ...						
Chocolates and Sweetmeats ...						
Cosaques, Christmas crackers ...						
Christmas stockings ... ...						
Textile weaving ... ...						
Lampshades ... ...						
<b>TOTALS</b> ...	<b>13</b>					



**SECTION D.**

**HOUSING**

## Section D.—HOUSING.

### 1. Inspection of Dwelling Houses during the year—

(1). (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ... ... ...	283
(b) Number of inspections made for the purpose... ...	3,251
(2). (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ... ...	9
(b) Number of inspections made for the purpose ...	21
(3). Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ...	Nil
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ... ...	262

### 2. Remedy of Defects during the year without serving of formal notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ... ...	239
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### 3. Action under Statutory Powers during the year—

#### (a) Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ...	96
(2) Number of dwelling-houses which were rendered fit after service of formal notices—	
(a) By Owners ... ... ...	42
(b) By Local Authority in default of Owners ...	3

#### (b) Proceedings under the Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	21
(2) Number of dwelling houses in which defects were remedied after service of formal notices.—	
(a) By Owners .. ... ...	12
(b) By Local Authority in default of Owners ...	1

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Demolition Orders were made ... ... Nil

(2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ... Nil

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which closing orders were made ... Nil

(2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit ... Nil

**Nuisances.**

Total number of nuisances during the year ... ... 325

(1) Abated as a result of informal action by Sanitary Inspectors ... ... ... ... 289

(2) Reported to Council :—  
(a) Statutory Notices issued ... ... 36  
(b) Satutory Notices not issued ... ... 9

**Details of Nuisances Abated.**

			After Informal Intimation	After Statutory Notice
Overcrowding	...	...	8	—
Smoke	...	...	—	—
Accumulation of refuse and manure	...	...	10	—
Foul ditches, ponds and stagnant water			2	—
Foul pigs and other animals	...	...	5	—
Dampness	...	...	33	20
Yards, repaved or repaired...	..	..	52	13
Other nuisances (Drains etc.)	..	..	179	3

**4. Housing Act, 1936.—Part IV. Overcrowding.**

(a).—(1) Number of dwellings overcrowded at end of year ... 3  
(2) Number of families dwelling therein ... 7  
(3) Number of persons dwelling therein ... 42

(b).—Number of new cases of overcrowding reported during the year 2

(c).—(1) Number of cases of overcrowding relieved during the year 8  
(2) Number of persons concerned in such cases ... 88

(d).—Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... Nil



SECTION E.  
INSPECTION  
AND  
SUPERVISION OF FOOD.

## Section E. Inspection and Supervision of Food.

### (a) Milk Supply.

#### COWHOUSES AND COWSHEDS.

Number on register	...	...	...	4
Number of inspections	...	...	...	19
Contraventions of Regulations	...	...	...	Nil
Contraventions remedied	...	...	...	Nil
Number of milch cows in district	...	...	...	89

#### DAIRIES AND MILKSHOPS.

Number on register	...	...	...	13
Number of inspections	...	...	...	50
Contraventions of Regulations	...	...	...	3
Contraventions remedied	...	...	...	3
Any disease attributed to milk during the year	...	...	...	Nil

#### MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Number of Accredited Producers	...	...	...	4
Number of Accredited Premises	...	...	...	4

Eight samples of Accredited milk were taken by the County Authority during the year and with one exception were satisfactory. In addition, three samples taken by the Health Department were found to be satisfactory.

The Food and Drugs Act and Milk and Cream Regulations are administered by the County Council.

There are two premises licensed for the pasteurization of milk and are under regular inspection and supervision. Of 12 samples of pasteurised milk taken during the year nine were satisfactory. In the remaining three cases the examinations were incomplete.

### Ice Cream.

Careful supervision and control over conditions of manufacture and sale of ice cream was maintained during the year.

Routine inspections and sampling by the Health Department showed that conditions, with few exceptions, were of a high standard. In addition special attention was paid to manufacturing premises in connection with the Ice Cream (Heat Treatment) Regulations, 1947.

SECTION F.  
PREVALENCE OF, AND CONTROL  
OVER  
INFECTIOUS AND OTHER DISEASES

## Section F.—Prevalence of, and Control over, Infectious and other Diseases.

### Notifiable Diseases (other than Tuberculosis) during the year 1947.

DISEASE	Total Cases Notified	Cases Admitted To Hospital	TOTAL DEATHS
POLIOMYELITIS ...	11	11	—
POLIOENCEPHALITIS	3	3	2
SCARLET FEVER ...	46	25	—
DIPHTHERIA ...	8	8	—
PNEUMONIA ...	40	—	15
ERYSIPelas ...	10	—	—
PUERPERAL PYREXIA	9	4	—
DYSENTERY ...	2	—	—
C.S. MENINGITIS ...	2	1	—
MEASLES ... ...	323	—	—
WHOOPING COUGH	134	1	1
B.T. MALARIA ...	1	—	—
CHICKEN POX ...	56	—	—
TOTALS	645	53	18

Cases of Infectious Disease in their respective months.

Notifiable Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Poliomyelitis ...	—	—	—	—	—	—	2	2	7	—	—	—	11
Polioencephalitis	—	—	—	—	—	—	2	1	—	—	—	—	3
Scarlet Fever ...	13	3	4	—	1	3	—	5	3	4	6	4	46
Diphtheria ...	1	—	—	—	—	—	2	—	1	1	2	1	8
Pneumonia ...	5	3	9	5	—	2	2	2	—	3	3	6	40
Erysipelas ...	—	2	3	2	1	—	1	—	—	1	—	—	10
Puerperal Pyrexia	1	—	2	2	—	1	1	—	—	1	—	1	9
Dysentery ...	—	—	—	—	2	—	—	—	—	—	—	—	2
C.S. Meningitis	—	—	—	—	—	—	1	—	—	—	1	—	2
Measles ...	29	20	126	69	21	12	15	25	2	—	2	2	323
Whooping Cough	1	—	5	1	17	9	10	27	15	8	5	36	134
Chicken Pox ...	—	1	10	10	8	5	14	8	—	—	—	—	56
B.T. Malaria ...	—	—	—	—	—	—	—	—	—	—	—	1	1
TOTALS	50	29	159	89	50	32	50	70	28	18	19	51	645

## Immunisation against Diphtheria.

The work of immunising the child population was continued throughout the year, 544 children under 5 years and 172 of 5-15 years receiving a complete course of injections. A.P.T. was the prophylactic used and the work was carried out as follows :—

						Numbers completed 1947.
School and Infant Welfare Clinics						402
Schools						133
General and Medical Practitioners						171
Total						706

In addition 145 schoolchildren previously immunised received a single reinforcing injection.

Total number of persons in age groups known to have received a complete course of immunisation.

AGE	1940	1941	1942	1943	1944	1945	1946	1947	
Under 1 year	—	4	1	7	7	8	26	42	
1 year	—	78	181	260	296	266	511	344	Total under 5 years of age at the end of 1947 : 1,825.
2 years	—	99	116	98	43	28	95	78	
3 years	—	102	94	94	28	7	47	34	
4 years	1	104	106	111	28	12	30	36	
5 years	1	199	176	102	79	32	51	34	
6 years	1	217	66	35	33	33	60	31	
7 years	—	222	54	30	28	22	16	20	
8 years	1	214	60	23	17	26	10	30	Total 5 to 15 years of age at the end of 1947 : 3,752.
9 years	—	237	52	22	13	21	—	21	
10 years	—	210	63	19	17	11	7	22	
11 years	1	167	91	32	7	2	1	12	
12 years	—	178	99	35	—	3	1	2	
13 years	—	139	82	41	3	3	—	—	
14 years	—	14	12	33	—	—	1	—	
15 yrs & over	—	10	3	32	—	—	—	—	
Total 1940-47.	5	2194	1256	974	599	474	856	706	7,064.

## Cancer.

Deaths from Cancer in the Borough, compiled locally in sex and age groups are tabulated as follows :—

### CANCER DEATHS, 1947.

Age	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Totals
Male	—	—	1	1	6	6	10	1	25
Female	—	—	—	1	4	9	3	1	18
Totals	—	—	1	2	10	15	13	2	43

## Prevention of Blindness.

The Lindsey County Council provides for the medical treatment of necessitous blind persons through their Public Health Committee. This includes specialist treatment in connection with blindness or the prevention of blindness.

Other services are provided through the Lindsey Society for the Blind in connection with the education, training, employment and general welfare of blind persons.

### TUBERCULOSIS.

#### NOTIFICATION AND DEATHS.\*

New Cases, 1947.

Deaths, 1947.

Age Periods	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year				1				1
1 to 2 years				1			1	1
2 to 3 "								
3 to 4 "	1				1			
4 to 5 "					1			
5 to 10 "			1		1			
10 to 15 "		2		2				
15 to 20 "		3	1					
20 to 25 "	3	4					2	
25 to 35 "	5	5	2				2	
35 to 45 "	3	2					1	
45 to 55 "	4	1		1			2	
55 to 65 "	2						1	
65 years & over	1					3		
<b>Totals</b>	<b>19</b>	<b>18</b>	<b>5</b>	<b>5</b>	<b>11</b>	<b>5</b>	<b>2</b>	<b>3</b>

\* From local records.

No action has been required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons employed in the milk trade) nor under Section 172 of the Public Health Act, 1936. Ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is 1-10. The facilities available at the Tuberculosis Dispensary are being increasingly utilised by private Medical Practitioners for diagnosis in cases of suspected Tuberculosis.

## Tuberculosis Deaths according to Occupation.

Males	Pulmonary	Non-Pulmonary
Fish Workers ...	2	—
General Labourer	2	—
Master Mariner	1	—
Clerk ...	4	—
Electrician ...	—	1
Child ...	—	1
Postman ...	1	—
Cinema Attendant	1	—
	<u>11</u>	<u>2</u>
 <b>Females</b>		
Housewife ...	4	1
Clerk	1	—
Child ...	—	2
	<u>5</u>	<u>3</u>

## Cleethorpes Tuberculosis Dispensary.

During the year 1947, 54 new cases were added to the Dispensary Register. 30 cases were removed as having transferred to other areas or having been lost sight of, or died, leaving 357 cases on the Dispensary Register at the end of the year. Two cases were written off as recovered.

The total individual attendances numbered 307.

The total attendances were ... ... 897.

## Tuberculosis After Care Committee.

This Committee renders valuable service in the after-care of cases of Tuberculosis. Special attention is paid to necessitous cases and their families, assistance being given in obtaining extra nourishment, clothing, etc., and in the form of holiday grants.

An Occupational Centre with a Workshop in St. Hugh's Avenue, is maintained by the Committee and provides a means to utilise the lessened working capabilities of selected cases.

An annual grant of £50 is made by the Lindsey County Council to augment the funds of the Committee whose work is voluntary.

## INFECTIOUS DISEASE.

### Bacteriological Examinations carried out during the year 1947.

Cleethorpes Laboratory.				Total number of Examinations
Diphtheria	Diagnosis,			
	Contacts and	Positive		6
	Freedom	Negative		79
Sputa for Tuberculosis	Diagnosis and	Positive		18
	Supervisory	Negative		71
Other specimens	...	...	...	9
Total Bacteriological Examinations		...	...	183

REPORT  
ON THE  
METEOROLOGICAL CONDITIONS  
PREVAILING AT CLEETHORPES  
DURING 1947

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ALAN B. COOPER, A.M. Inst. C.E.,  
Borough Engineer and Surveyor.

# Report on the Meteorological Conditions prevailing at Cleethorpes during 1947.

ALAN B. COOPER, A.M. Inst. C.E.,

Borough Engineer, Cleethorpes.

The first three months of the year were abnormally cold, the temperature being well below average for these months, while the rainfall for March was the highest recorded for that month since the Station was opened in 1909 being 4.36 inches as opposed to 3.55 inches for March, 1941 which is the next highest fall.

## SUNSHINE.

From 1st January to 31st December, 1947, 1607.0 hours of bright sunshine were recorded. This gives a daily average of 4.42 hours.

These figures are quite favourable as compared with the average.

The month of August was brilliant, sunshine being recorded on each day of the month. The maximum amount of sunshine being recorded on one day was 14.6 hours on the 19th July, 1947.

The greatest number of hours of bright sunshine in one month was 242.9 hours in August.

## RAINFALL.

19.23 inches of rainfall were recorded during the year. This shows a decrease of 9.25 inches on the previous year's figures (1946) of 28.48 inches.

The driest month of the year was August with 0.08 inches of rain falling over a period of four days, and the wettest month was March with 4.36 inches of rain distributed over a period of 24 days.

The greatest rainfall in any one day was 1.16 inches on the 12th March.

## TEMPERATURE OF THE AIR.

The average maximum shade temperature of  $32.4^{\circ}$  F. for February 1947, is the lowest average for the year; while  $68.97^{\circ}$  F. maximum shade temperature in July is the highest average.

The average minimum shade temperature of  $27.9^{\circ}$  F. for February 1947, is the lowest.

The lowest air temperature recorded during the year was  $14^{\circ}$  F. on 4th March, 1947. The highest maximum temperature during the same period was  $81^{\circ}$  F. on the 4th June.

The lowest ground minimum temperature was  $11^{\circ}$  F. on the 3rd and 4th March, 1947.

The maximum temperature for January, February and March was below average.

## RELATIVE HUMIDITY.

The average relative humidity for the year was 84.5%.

## MISCELLANEOUS PHENOMENA.

During the year frosts were recorded on 66 occasions as follows :—

13	occasions	during	January	27	occasions	during	February
15	„	„	March	1	occasion	„	April
4	„	„	November	6	occasions	„	December.

The wind reached gale force (or above) on the 3rd and 26th February, 16th March, 5th, 7th, 20th, 21st, 23rd, 24th, 29th and 30th of April, also on the 2nd May.

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The average amount of sky covered (in tenths) by cloud was 6.85.

The Cleethorpes Meteorological Station No. 2574 is officially recognised by the Air Ministry Meteorological Office as an Auxiliary Climatological Station, and a First Class Health Resort Station.

Nightly reports to the Air Ministry in the form of a Weather Telegram were dispatched every night of the year.

The Station is under control of the Borough Engineer and Surveyor (Alan B. Cooper, A.M., Inst. C.E.) and the Observers during 1947 were T. Gray and D. Jackson, who are members of the Engineer's staff.

A summarised statement is attached to this report.

## Summary of Meteorological Observations taken at Cleethorpes during 1947.

1947	Average Temperature		Total Sunshine in hours	No. of Sunless Days	Total Rainfall Inches	Days with Rain	Average Relative Humidity	Av. Cloud Amount in 10ths.
	Max. °F	Min. °F						
January	40.28	32.06	59.3	10	2.08	19	89.19	6.4
February	32.40	27.90	18.0	20	2.23	23	89.7	9.3
March	41.7	32.2	76.0	8	4.36	27	90.06	7.9
April	54.2	40.6	169.8	3	1.65	15	77.9	7.1
May	60.06	46.35	220.5	3	0.58	16	84.0	6.3
June	67.96	52.46	196.7	3	2.07	14	79.1	6.9
July	68.97	56.03	201.2	1	1.06	15	81.11	7.4
August	68.56	57.16	242.9	0	0.08	4	87.6	5.8
September	67.0	52.36	171.3	2	0.87	17	78.1	5.6
October	59.5	46.48	115.7	6	0.47	13	84.32	6.9
November	50.57	39.0	97.4	7	1.19	21	84.83	5.7
December	45.79	37.48	38.2	9	2.59	23	88.35	6.8
Sums	656.99	520.08	1607.0	72	19.23	207	1014.20	82.1
Means	54.74	43.34	133.9	8.4	1.62	17.2	84.50	6.8

Greatest fall of rain in a day

(Most ever recorded since 1910)

1.6 ins. on 12th March, 1947.

2.49 ins. on 24th June, 1911).

Greatest amount of sunshine in a day

(Most ever recorded since 1910)

14.6 hours on 19th July, 1947.

15.7 hours on 17th June, 1932  
and 14th June, 1940)

Highest shade temperature recorded  
(Max. ever recorded since 1910)

81° F. on 4th June, 1947.

90° F. on 28th August, 1933).

Lowest shade temperature recorded  
(Lowest ever recorded since 1910)

14° F. on 4th March, 1947.

9° F. on 16th February, 1929)

Lowest ground temperature recorded  
(Lowest ever recorded since 1932)

11° F. on 3rd, 4th Mar., 1947.

9° F. on 16th February, 1940.

### Winds.

Direction.	No. of Days.
N.	25
NNE.	14
NE.	18
ENE.	11
E.	31
ESE.	17
SE.	27
SSE.	14
Calm	14

Direction.	No. of Days.
S.	18
SSW.	26
SW.	24
WSW.	31
W.	32
WNW.	10
NW.	28
NNW.	25



